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TITLE: SPECTRUM DISPLAY APPARATUS OF AUDIO SIGNAL

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ABSTRACT:

PURPOSE: To enhance resolving power, by a method wherein an audio signal is converted to a digital signal and power spectrum operation is performed after FET operation while pattern information corresponding to the level of a spectrum is successively displayed at predetermined intervals by the display surface of display.

CONSTITUTION: Initialization is performed in a step 1 by closing a power source to clear an AD converter, RAM, V.RAM or the like and the register in a video display processor VDP is set at well as the setting of the region in V.ROM to be used or an operation mode is performed while a predetermined kind of patter information is transmitted to a pattern generator table PGT from ROM<SB>1</SB> through VDH. In addition, according to necessity, pattern information is transmitted to a sprite generator table SGT from ROM<SB>1</SB> and a sprite name or X-coordinates and color data are transferred to a sprite attribute table SAT. In this case, CPU repeatedly perform each step ranging from a step 2 to a step 9. As mentioned above, the multiplication order of CPU can be used in performing operation and spectrum display can be easily performed in high resolving capacity by simple constitution.

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Abstract Text - FPAR (2):

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